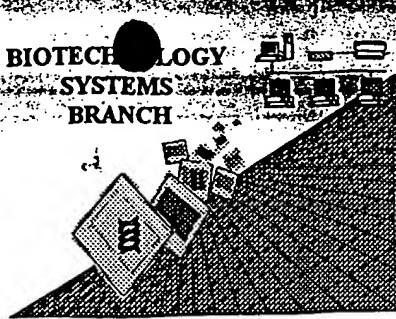


**RAW SEQUENCE LISTING  
ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/782,816

Source: OIPE

Date Processed by STIC: 6/19/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

**Checker Version 3.0**

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**  
**<http://www.uspto.gov/web/offices/pac/checker>**

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/782,816</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/782,816

DATE: 06/19/2001  
TIME: 12:05:17

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\06192001\I782816.raw

Does Not Comply  
Corrected Diskette Needed

4 <110> APPLICANT: Sharp, David J.  
5 Rogers, Gregory C.  
6 Scholey, Jonathon M.  
8 <120> TITLE OF INVENTION: PEPTIDE INHIBITORS OF CELLULAR  
9 PROLIFERATION  
11 <130> FILE REFERENCE: UC069.001A  
13 <140> CURRENT APPLICATION NUMBER: 09/782,816  
C--> 14 <141> CURRENT FILING DATE: 2001-06-04  
16 <160> NUMBER OF SEQ ID NOS: 56  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

898 <210> SEQ ID NO: 56  
 899 <211> LENGTH: 380  
 900 <212> TYPE: PRT  
 901 <213> ORGANISM: Drosophila melanogaster  
 903 <400> SEQUENCE: 56  
 904 Met Ala Asp Pro Lys Phe Gln Asn Leu Pro Gly Ile Ala Tyr Asp Gln  
 905 1 5 10 15  
 906 Pro Asp Val Tyr Glu Thr Pro Asp Asp Pro Glu Leu Asp Thr Ser Asp  
 907 20 25 30  
 908 Tyr Tyr Glu Glu Glu Pro Glu Asn Glu Ala Ile Glu Arg Leu His Ile  
 909 35 40 45  
 910 Ser Pro Ser Val Ala His Lys Arg Phe Ser Gly Ala Thr Val Glu Gly  
 911 50 55 60  
 912 Ser Val Asp Phe Thr Asp Arg Ile Gly Arg Arg Met Cys Arg Gly Tyr  
 913 65 70 75 80  
 914 Asp Thr Arg Gly Ser Ser Asp Tyr Glu Leu Val Gly Gln Gly Glu Lys  
 915 85 90 95  
 916 Glu Thr Pro Val Gln Lys Cys Gln Arg Leu Gln Ile Glu Met Asn Glu  
 917 100 105 110  
 918 Leu Leu Asn Glu Val Ala Ala Leu Gln Val Asp Arg Lys Val Ala Asp  
 919 115 120 125  
 920 Glu Glu Lys Gln Ser Tyr Asp Ala Val Ala Thr Val Ile Ser Thr Ala  
 921 130 135 140  
 922 Arg Lys Val Leu Glu Ser Leu Lys Leu Glu Gln Val Leu Gly Lys Glu  
 923 145 150 155 160  
 924 Gln Thr Pro Gly Ser Lys Gln Val Lys Ala Leu Ile Ser Gln Val Glu  
 925 165 170 175  
 926 Glu Phe Lys Gln Ser Gly Val Leu Thr Ala Ile Pro Thr Pro Gly Thr  
 927 180 185 190  
 928 Asp Leu Ala Ala Thr Ala Arg Val Ala Ser Leu Glu Gln Arg Ile Ser  
 929 195 200 205  
 930 Gln Leu Glu Lys Val Leu Gly Ala Gln Pro Asp Lys Leu Ser Arg Leu  
 931 210 215 220

*See  
next page*

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/782,816

DATE: 06/19/2001  
TIME: 12:05:17

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\06192001\I782816.raw

932 Thr Ala Ala Thr Asn Thr Thr Asn Val Leu Glu Ala Val Arg His Leu  
933 225 230 235 240  
934 Ser Thr Lys Ala Ala Leu Ile Gln Pro Asp Lys Leu Asp Thr Ile Glu  
935 245 250 255  
936 Gln Arg Leu Thr Ser Leu Ala Gly Lys Met Asp Ala Ile Ala Glu Lys  
937 260 265 270  
938 Ser Ser Gly Ser Ala Gln Asp Ala Lys Arg Asp Gln Lys Ile Thr Glu  
939 275 280 285  
940 Leu Tyr Asp Ile Ala Lys Arg Thr Glu Pro Val Val Glu Ile Leu Pro  
941 290 295 300  
942 His Val Ile Glu Arg Met Gln Ala Leu Glu Ala Leu His Lys Tyr Ala  
943 305 310 315 320  
944 Asn Asn Phe Ala Lys Ile Ile Ala Glu Ile Glu Gln Lys Gln Gly Thr  
945 325 330 335  
946 Ile Thr Thr Ser Leu Val Asn Asn Lys Glu Leu Leu His Ser Val Gln  
947 340 345 350  
948 Glu Thr Phe Ala Gln Asn Leu Glu Thr Ile Asn Ser Lys Val Ala Lys  
949 355 360 365  
950 Val Glu Gln Arg Val Ala Ala Ile Ser Ser Ala Lys  
951 370 375 380

E--> 953 W:\DOCS\BGY\SEQUENCE LISTING\UC Sequences\UC069.001A.doc  
E--> 954 051801  
E--> 955 1  
E--> 957 1

delete at end of file

see following pages for more errors